

Puerto Rico

Science and Engineering Profile

	STATE	U.S.	Rank		STATE	U.S.	Rank
Doctoral scientists, 1995	867	453,928	51	Total R&D performance, 1995 (millions)	na	\$177,210	na
Doctoral engineers, 1995	150	86,738	48	Industry R&D, 1995 (millions)	na	\$130,332	na
S&E doctorates awarded, 1996	33	27,230	50	Academic R&D, 1996 (millions)	\$73	\$22,481	42
of which, in psychology	76%	13%		of which, in life sciences	79%	56%	
in environmental sciences	9%	3%		in environmental sciences	6%	6%	
in physical sciences	9%	14%		in engineering	6%	16%	
S&E postdoctorates, 1996	33	37,019	48	Higher education current-fund expenditures, 1995 (millions)	\$947	\$182,602	39
S&E graduate students, 1996	3,022	430,631	36	Number of SBIR awards, 1990-1997	2	31,155	52
in doctorate-granting institutions				Patents issued to state residents, 1997	10	61,699	52
Population, 1997 (000s)	3,827	271,464	26	Gross state product, 1996 (billions)	\$46.4	\$7,677.4	38
Civilian labor force, 1997 (000s)	1,308	137,564	32	of which, agriculture	1%	2%	
Personal income per capita, 1997	\$8,509	\$25,598	52	manufacturing, mining, construction	43%	23%	
Federal spending				transportation, communication, utilities	8%	8%	
Total expenditures, 1997 (millions)	\$10,970	\$1,405,060	36	wholesale and retail trade	14%	16%	
R&D obligations, 1996 (millions)	\$49	\$66,087	48	finance, insurance, real estate	13%	19%	
				services	11%	20%	
				government	10%	12%	

Rankings and totals are based on data for the 50 states, D.C., and Puerto Rico. Data on S&E postdoctorates and S&E graduate students include health fields. The data source for Puerto Rico's personal income per capita and gross state product was as follows: Puerto Rico Federal Affairs Administration, Office of the Governor, Washington, D.C.
na = not available

Federal Obligations for Research and Development by Agency and Performer: Fiscal Year 1996

[Thousands of Dollars]

	Total	Federal Intramural	All FFRDCs	Industrial firms	Universities & Colleges	Other nonprofits	State & local government	State rank
Total, all agencies	49,450	8,076	8,271	45	32,347	251	460	48
Department of Agriculture	9,251	5,120	0	0	4,130	1	0	38
Department of Commerce	379	0	0	0	329	0	50	44
Department of Defense	1,621	0	0	45	1,576	0	0	51
Department of Energy	999	0	0	0	999	0	0	47
Dept. of Health & Human Services	22,671	877	0	0	21,400	250	144	41
Department of Interior	2,099	2,079	0	0	20	0	0	45
Department of Transportation	293	0	0	0	27	0	266	51
Environmental Protection Agency	70	0	0	0	70	0	0	46
Nat'l Aeronautics & Space Admin.	0	0	0	0	0	0	0	52
National Science Foundation	12,067	0	8,271	0	3,796	0	0	34
State rank	48	48	18	52	43	52	47	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable